

Applicant Copy  
10-MAY-2004

**INFORMATION  
DISCLOSURE  
STATEMENT**

Complete if known

Application Number: 09/980,913

Filing Date: May 21, 2002

First Named Inventor: Arenas et al.

Group Art Unit: 1636

Examiner Name: Gerald G. Leffers Jr.

Our File No. 0380 PO 2709US0

SHEET 1



**UNITED STATES PATENT DOCUMENTS**

| EXAMINER'S INITIALS | CITE NO. | PATENT NUMBER | ISSUE DATE<br>MM-DD-YYYY | FIRST NAMED INVENTOR |
|---------------------|----------|---------------|--------------------------|----------------------|
| AAJ                 | A1       | 6,312,949     | 11-06-2001               | Sakurada et al.      |
| AAJ                 | A2       | 2002/0114788  | 08-22-2002               | Isacson et al.       |
|                     |          |               |                          |                      |
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**FOREIGN PATENT DOCUMENTS**

| EXAMINER'S INITIALS | CITE NO. | DOCUMENT NUMBER | COUNTRY OR REGION | DATE OF PUBLICATION<br>MM-DD-YYYY | FIRST NAMED INVENTOR OR APPLICANT |
|---------------------|----------|-----------------|-------------------|-----------------------------------|-----------------------------------|
| AAJ                 | B1       | 00/058451       | WO PCT            | 10-05-2000                        | Sakurada et al.                   |
| AAJ                 | B2       | 02/009733       | WO PCT            | 02-07-2002                        | Isacson et al.                    |
|                     |          |                 |                   |                                   |                                   |
|                     |          |                 |                   |                                   |                                   |
|                     |          |                 |                   |                                   |                                   |
|                     |          |                 |                   |                                   |                                   |

**OTHER PRIOR ART - NON-PATENT DOCUMENTS**

| EXAMINER'S INITIALS | CITE NO. | Include name of the author (in Capital Letters), title of the article (when appropriate), title of the item(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |
|---------------------|----------|---|
|                     | C1       |   |

|                      |                              |                 |           |
|----------------------|------------------------------|-----------------|-----------|
| EXAMINER'S SIGNATURE | <i>Gerald G. Leffers Jr.</i> | DATE CONSIDERED | 5-10-2004 |
|----------------------|------------------------------|-----------------|-----------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw a line through citation if citation not in conformance and reference not considered. Include a copy of this form with next communication to applicant.

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|   | Filing Date: May 21, 2002            |                               |
|   | First Named Inventor: Ernest Arenas  |                               |
|   | Group Art Unit: 1636                 |                               |
|   | Examiner Name: Gerald G. Leffers Jr. |                               |
| SHEET 1 OF 2                                    |                                      | Our File No. 0380 PO 2709 USO |

| UNITED STATES PATENT DOCUMENTS |          |               |                          |                      |
|--------------------------------|----------|---------------|--------------------------|----------------------|
| EXAMINER'S INITIALS            | CITE NO. | PATENT NUMBER | ISSUE DATE<br>MM-DD-YYYY | FIRST NAMED INVENTOR |
|                                | A1       |               |                          |                      |
|                                |          |               |                          |                      |

| FOREIGN PATENT DOCUMENTS |          |                 |                   |                                   |                                   |
|--------------------------|----------|-----------------|-------------------|-----------------------------------|-----------------------------------|
| EXAMINER'S INITIALS      | CITE NO. | DOCUMENT NUMBER | COUNTRY OR REGION | DATE OF PUBLICATION<br>MM-DD-YYYY | FIRST NAMED INVENTOR OR APPLICANT |
| AA2                      | B1       | WO 9615224 A    | WO PCT            | 05-23-1996                        | Weiss, Samuel et al.              |
| AA2                      | B2       | WO 96 09543 A   | WO PCT            | 05-28-1996                        | Weiss, Samuel et al.              |

| OTHER PRIOR ART - NON-PATENT DOCUMENTS |          |  |
|--|----------|--|
| EXAMINER'S INITIALS                    | CITE NO. | Include name of the author (in Capital Letters), title of the article (when appropriate), title of the item(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published  |
| AA2                                    | C1       | E. Arenas et al., <u>Nurr1 overexpression enriches for neuronal phenotype in multipotent, neural stem-like cells.</u> SOCIETY FOR NEUROSCIENCE ABSTRACTS, 28 <sup>TH</sup> ANNUAL MEETING OF THE SOCIETY FOR NEUROSCIENCE, PART 2, LOS ANGELES, US , NOVEMBER 7-12, 1998, vol. 24, 1998, page 1531, Abstract 606.10. |
| AA2                                    | C2       | D.M. Panchision et al., <u>An immortalized type-1 astrocyte of mesencephalic origin; source of a dopaminergic neurotrophic factor.</u> JOURNAL OF MOLECULAR NEUROSCIENCE, vol. 11, no. 3, 1998, pages 209-221.   |
| AA2                                    | C3       | T. Takeshima et al., <u>Astrocyte-dependent and -independent phases of the development and survival of rat embryonic day 14 mesencephalic, dopaminergic neurons in culture.</u> NEUROSCIENCE, vol. 60, no. 3, 1994, pages 809-823.   |
| AA2                                    | C4       | A. Gritti et al., <u>Basic fibroblast growth factor supports the proliferation of epidermal growth factor-generated neuronal precursors cells of the adult mouse CNS.</u> NEUROSCIENCE LETTERS, vol. 185, no. 3, 1995, pages 151-154.  |
| AA2                                    | C5       | O. Saucedo-Cardenas et al., <u>Nurr1 is essential for the induction of the dopaminergic phenotype and the survival of ventral mesencephalic late dopaminergic precursor neurons.</u> PNAS USA, vol. 95, March 1998, pages 4013-4018.   |

|                      |                              |                 |             |
|----------------------|------------------------------|-----------------|-------------|
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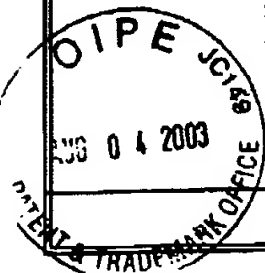
First Named Inventor: Ernest Arenas

Group Art Unit: 1636

Examiner Name: Gerald G. Leffers Jr.

Our File No. 0380 PO 2709 US0

SHEET 2 OF 2



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|-----|----|--|
| AA2 | C6 | J. Wagner et al., <u>Induction of a midbrain dopaminergic phenotype in Nurr1-overexpressing neural stem cells by type 1 astrocytes</u> . NATURE BIOTECHNOLOGY, vol. 17, July 1999, pages 653-659.  |
| AA2 | C7 | K. Sakurada et al., <u>Nurr1, an orphan nuclear receptor is a transcriptional activator of endogenous tyrosine hydroxylase in neural progenitor cells derived from the adult brain</u> . DEVELOPMENT, vol. 126, September 1999, pages 4017-4026. |
| AA2 | C8 | S. Denis-Donini et al., <u>Glia1 heterogeneity may define the three-dimensional shape of mouse mesencephalic dopaminergic neurones</u> . NATURE, vol. 307, February 1984, pages 641-643.   |

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